Title (en)

PHOTOVOLTAIC SYSTEM PROTECTION

Title (de)

SCHUTZ FÜR FOTOVOLTAIKSYSTEM

Title (fr)

PROTECTION DE SYSTÈME PHOTOVOLTAÏQUE

Publication

EP 3149847 A4 20170405 (EN)

Application

EP 15799344 A 20150526

Priority

- US 201462003046 P 20140527
- US 2015032497 W 20150526

Abstract (en)

[origin: WO2015183840A1] A method includes measuring one or more performance metrics of a set of solar cells coupled to an inverter. Based at least on the performance metrics meeting a first criterion, a first subset of the set of solar cells are disabled, reducing a voltage, power, or current provided to the inverter. Based at least on the performance metrics meeting a second criterion, a second subset of the set of solar cells are disabled, further reducing a voltage, power, or current provided to the inverter.

IPC 8 full level

H02S 50/10 (2014.01); **H01L 31/042** (2014.01); **H02S 40/32** (2014.01)

CPC (source: EP KR US)

H01L 31/05 (2013.01 - KR); **H02S 40/32** (2014.12 - EP KR US); **H02S 40/34** (2014.12 - KR US); **H02S 50/00** (2013.01 - EP US); **H02S 50/10** (2014.12 - EP KR US); Y02E 10/50 (2013.01 - EP); Y02E 10/56 (2013.01 - KR)

Citation (search report)

- [XI] US 2012316802 A1 20121213 - PRESHER JR GORDON E [US], et al
- See also references of WO 2015183840A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015183840 A1 20151203; AU 2015267158 A1 20161013; AU 2015267158 B2 20200806; CN 106256086 A 20161221; CN 106256086 B 20190621; EP 3149847 A1 20170405; EP 3149847 A4 20170405; EP 3149847 B1 20180926; JP 2017519470 A 20170713; JP 6640732 B2 20200205; KR 20170010401 A 20170131; MA 40029 A 20151203; MX 2016014376 A 20170120; MX 361730 B 20181214; US 10056862 B2 20180821; US 2015349709 A1 20151203

DOCDB simple family (application)

US 2015032497 W 20150526; AU 2015267158 A 20150526; CN 201580022820 A 20150526; EP 15799344 A 20150526; JP 2016559963 A 20150526; KR 20167035791 A 20150526; MA 40029 A 20150526; MX 2016014376 A 20150526; US 201514722138 A 20150526